PATENT

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Inventor(s): Keitaro HARADA

Confirmation No. 4099

U.S. Patent Application No. 10/533,439

Group Art Unit: 3765

Filed: April 29, 2005

For: SEWING MACHINE

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

Respectfully submitted,

LOWE HAUPTMAN & BERNER, LLP

Benjamin J. Hauptman Registration No. 29,310

1700 Diagonal Road, Suite 300 Alexandria, Virginia 22314 (703) 684-1111 BJH/jk Facsimile: (703) 518-5499

Date: March 9, 2006

ATTY. DOCKET NO. U.S. PATENT 4639-002 APPLICATION NO. INFORMATION DISCLOSURE 10/533,439 CITATION IN AN **APPLICANT APPLICATION Keitaro HARADA** FILING DATE **GROUP** (PTO-1449) **April 29, 2005** 3765 **U.S. PATENT DOCUMENTS EXAMINER'S** FILING PATENT NO. DATE **CLASS INITIALS** NAME **SUBCLASS** DATE 4 7 FOREIGN PATENT DOCUMENTS **EXAMINER'S** Translation COUNTRY PATENT NO. DATE **CLASS SUBCLASS INITIALS** 1-45395 10.03.1989 Japan  $\mathbf{X}$ 6-93946 11.24.1994 Japan  $\mathbf{X}$ 57-64089 04.17.1982 Japan X 61-149198 07.07.1986 Japan  $\mathbf{X}$ 63-14778 04.25.1983 Japan  $\mathbf{X}$ 1-39744 11.29.1989 Japan X 6-142360 05.24.1994 Japan  $\mathbf{X}$ 9-49164 02.18.1997 Japan  $\mathbf{X}$ 2000-140468 05.23.2000 Japan  $\mathbf{X}$ 58-500744 05.12.1983 Japan  $\mathbf{x}$ wo 82/04076 11.25.1982  $\mathbf{X}$ OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) Abstracts of Japan Publication No. 02191488, Date - 27.07.90

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

DATE CONSIDERED

**EXAMINER** 

#### Information List (Form 1)

US Serial No.	·
Our Ref.	HPY-M908-US

The following is a List of References provided by Applicant. Please file an Information Disclosure Statement using this Information.

Document Number	Publication Date	Brief Explanation or Page(s) & Line(s) of Related Part(s)
JP-B2-1-45395	October 3, 1989	It is disclosed that the distance between two guide rails 5 is shorter than the length of the guide member 10. It is also disclosed that the frame 6 is arranged on one side of the guide member 10, and the carriage 11 is arranged on other side of the guide member 10. The palette 16 connected to the carriage 11 is arranged between the guide member 10 and the michine body 2.
JP-B2-6-093946	November 24, 1994	Refer to the English abstract. It is disclosed that the distance between two Y axis rails is shorter than the length of the X axis member. It is also disclosed that the carriage 10a is arranged on the X axis member.
JP-A-57-064089	April 17, 1982	It is disclosed that the front cover 13 and back cover 14 are made from resin.

# Information List (Form 1)

US Serial No.	
Our Ref.	HPY-M908-US

The following is a List of References provided by Applicant. Please file an Information Disclosure Statement using this Information.

Document Number	Publication Date	Brief Explanation or Page(s) & Line(s) of Related Part(s)
		The frame 12 including horizontal portion and vertical portion is made as one-piece molding.
JP-A-61-149198	July 7, 1986	It is disclosed that the frame 1 including horizontal portion and vertical portion is made integral by diecasting.
JP-Y2-63-14778	April 25, 1988	It is disclosed that the upper arm 24, post member 26 and lower arm 28 is as one-piece molding.
JP-Y2-1-39744	November 29, 1989	It is disclosed that the frame 1 is slidably connected to three Y axis guide rails 13 by three carriages R2, and is slidably connected to two X axis guide rails 7 by two carriages R1. Thus, the frame 1 is supported at least three carriages.
JP-A-6-142360	May 24, 1994	Refer to English abstract

A. AOKI, ISHIDA & ASSOCIATES

# Information List (Form 1)

US Serial No.	
Our Ref.	HPY-M908-US

The following is a List of References provided by Applicant. Please file an Information Disclosure Statement using this Information.

Document Number	Publication Date	Brief Explanation or Page(s) & Line(s) of Related Part(s)
JP-A-9-049164	February 18, 1997	Refer to English abstract
JP-A-2000-140468	May 23, 2000	Refer to English abstract
JP-A-58-500744	May 12, 1983	Refer to the corresponding International Publication.

A. AOKI, ISHIDA & ASSOCIATES

## List of Prior Art (Form 2)

This Form 2 lists the patent family members related to the document(s) cited in Form  ${\bf 1}$ 

		Y
Document(s) cited in Form 1	Patent family member(s)	Publication date
JP-A-58-500744	CA 1186953	May 14, 1985
·	DE 3246029	June 16, 1983
	IL 65760 ·	August 31, 1982
	KR 8800711	April 25, 1988
	USP 4406274	September 27, 1983
		,
——————————————————————————————————————	<del></del>	<del></del>